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UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
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APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/001,310	11/23/2001	Scott Frey	1222

CONFIRMATION NO. 2360

FORMALITIES LETTER



\*OC000000007229685\*

DAVID J. ARCHER  
9790 FOREST PRESERVE RD  
DURAND, IL 61024

Date Mailed: 12/26/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 65.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
  - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

03/15/2002 JADD01 00000046 10001310 65.00 OP  
01 FC:205

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

20250707 09:00:00



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In The United States Patent And Trademark Office.

COPY OF PAPERS  
ORIGINALLY FILED

Applicants: Frey  
Application No: 10/001,310  
5 Filed: 11/23/2001  
Docket: 1222  
Group Art: 3627  
Examiner:

10 Assistant Commissioner for Patents  
Washington, D.C. 20231

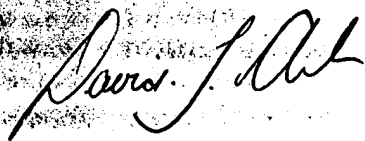
Sir,

Response to Notice to file missing parts.

15 In response to the Office Action mailed 12/26/2001, Applicant files herewith:

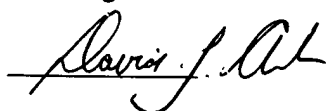
- 20 1) A signed declaration.  
2) 8 sheets of formal drawings for Figs. 1-8 to replace the informal drawings filed with the subject application.  
3) A copy of the Notice to file missing parts.  
4) A petition for a one month extension.  
5) A check for the above petition and filing the declaration.

25 Respectfully submitted,

30 

David J. Archer.  
Reg. No. 31,076  
Applicant's Representative.

35 This is to certify under 37 CFR 1.8 that all of the above documents are being mailed by first class mail 2/28/2002 in an envelope addressed to the Assistant Commissioner for Patents by the undersigned David J. Archer.

40 

Dated:

2/28/2002 .



SM

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ORIGINALLY FILED

MP #  
#3  
+

Please type a plus sign (+) inside this box → ☒

PTO/SB/21 (6-98)  
Approved for use through 09/30/2000. OMB 0651-0031  
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> <small>(to be used for all correspondence after initial filing)</small>	Application Number	10/001,310	
	Filing Date	11/23/2001	
	First Named Inventor	FREY	
	Group Art Unit	3627	
	Examiner Name		
Total Number of Pages in This Submission	16	Attorney Docket Number	1222

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Assignment Papers (for an Application)	<input type="checkbox"/> After Allowance Communication to Group
<input checked="" type="checkbox"/> Fee Attached	<input checked="" type="checkbox"/> Drawing(s)	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Response	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Status Letter
<input checked="" type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Terminal Disclaimer	
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> Small Entity Statement	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Request for Refund	
<input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application	Remarks	
<input checked="" type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	COPY OF NOTICE	

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	DAVID J. ARLHER
Signature	David J. Arlher
Date	2/28/2002

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on this date: 2/28/2002			
Typed or printed name	DAVID J. ARLHER		
Signature	David J. Arlher	Date	2/28/2002

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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*Patent fees are subject to annual revision.  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.*

**TOTAL AMOUNT OF PAYMENT (\$)** 120

Application Number	10/001,310.
Filing Date	4/23/2001
First Named Inventor	FREY.
Examiner Name	
Group / Art Unit	3627
Attorney Docket No.	1222.

**FEE CALCULATION (continued)**

- ☐
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ### FEE CALCULATION

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	

101	760	201	380	Utility filing fee
106	310	206	155	Design filing fee
107	480	207	240	Plant filing fee
108	760	208	380	Reissue filing fee
114	150	214	75	Provisional filing fee

SUBTOTAL (1) (\$)

	Extra Claims		Fee from below	Fee Paid
Total Claims	-20**	X		
Independent Claims	-3**	X		
Multiple Dependent				

**\*\*or number previously paid, if greater; For Reissues, see below**

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	260	204	130	Multiple dependent claim, if not paid

109	78	209	39	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

<b>SUBTOTAL (2)</b>	<b>(\$)</b>
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**Large Entity Small Entity**

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	65
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	55-
116	380	216	190	Extension for reply within second month	
117	870	217	435	Extension for reply within third month	
118	1,360	218	680	Extension for reply within fourth month	
128	1,850	228	925	Extension for reply within fifth month	
119	300	219	150	Notice of Appeal	
120	300	220	150	Filing a brief in support of an appeal	
121	260	221	130	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,210	241	605	Petition to revive - unintentional	
142	1,210	242	605	Utility issue fee (or reissue)	
143	430	243	215	Design issue fee	
144	580	244	290	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	760	246	380	Filing a submission after final rejection (37 CFR 1.129(a))	
149	760	249	380	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3)	(\$)	120 —
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Typed or Printed Name	DAVID J ARNER
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**Signature**

Date \_\_\_\_\_

2626-

Complete (if applicable)

Reg. Number 31076

Deposit Account	
User ID	

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